

Mr. Antonio Carrillo  
Azteca Milling, L. P.  
P. O. Box 23550  
Evansville, IN 47724

Re: 163-15980  
First Significant Permit Modification to  
Part 70 No.: T 163-7995-00107

Dear Mr. Carrillo:

Azteca Milling, L. P. was issued a permit on February 28, 2001 for a stationary wet corn milling operation producing corn flour at a maximum rate of 160,000 metric tons per year. A letter requesting changes to this permit was received on August 7, 2002. Pursuant to the provisions of 326 IAC 2-7-12 a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document.

The modification consists of the deletion of stack testing requirements for stacks identified as Stack 9 (lime bin system), Stack 13 (unit #1 flour sifter system), Stack 14 (unit #1 milled and dried flour unit), and Stack 49 (rail loading cartridge filter).

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this modification and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Madhurima Moulik, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call at (800) 451-6027, press 0 and ask for Madhurima Moulik or extension 3-0868, or dial (317) 233-0868.

Sincerely,  
Original signed by Paul Dubenetzky

Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

Attachments

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cc: File - Vanderburgh County  
U.S. EPA, Region V  
Vanderburgh County Health Department  
Evansville EPA  
Southwest Regional Office  
Air Compliance Section Inspector - Scott Anslinger  
Compliance Data Section - Karen Nowak  
Administrative and Development  
Technical Support and Modeling - Michele Boner

**PART 70 OPERATING PERMIT  
OFFICE OF AIR QUALITY  
and  
Evansville EPA**

**Azteca Milling, L.P.  
15700 Highway 41 North  
Evansville, Indiana 47711**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T163-7995-00107	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: February 28, 2001  Expiration Date: February 28, 2006

First Significant Permit Modification No: 163-15980	Pages Modified:32
Issued by: Original signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: October 22, 2002

Facility ID	Stack ID	Air Flow Rate (acfm)	326 IAC 6-1-2 allowable PM emission rate (lb/hr)
Corn Receiving & Screening	6	3000.00	0.77
Lime Bin System	9	149	0.04
C101 Drying Line	10	45000	11.57
C201 Drying Line	11	35000	9.0
C102 Drying Line	110	45000	11.57
C202 Drying Line	111	35000	9.0
Flour Cooler FC1	12	12000	3.09
Flour Cooler FC2	112	12000	3.09
Flour Sifter System FS1	13	366	0.09
Flour Sifter System FS2	113	366	0.09
Milled & Dried Flour Unit MDF1	14	1450	0.37
Milled & Dried Flour Unit MDF2	114	1450	0.37
Corn Skin Separator CSS1	40	6518	1.68
Corn Skin Separator CSS2N	140N	6518	1.68
Corn Skin Separator CSS2S	140S	6518	1.68
Corn Skin Storage System	15	4000	1.03
Rail Loading System	49	1396	0.36

#### D.2.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities and their control devices.

### Compliance Determination Requirements

#### D.2.4 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

During the period between 12 and 18 months after issuance of this permit, in order to demonstrate compliance with Condition D.2.2, the Permittee shall perform PM testing on baghouse B1 (Stack 6), the Unit 1, Drying First Circuit Cyclone (Stack 10), the Unit 1, Drying Second Circuit Cyclone (Stack 11), the Flour Cooler Cyclone (Stack 12), baghouse B8 (Stack 40), and baghouse B9 (Stack 15), utilizing Methods 5 or 17 (40 CFR 60, Appendix A) for PM, or other methods as

approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. Testing shall be conducted in accordance with Section C- Performance Testing.

# **Indiana Department of Environmental Management Office of Air Quality**

## **Technical Support Document (TSD) for a Significant Permit Modification to a Part 70 Operating Permit**

### **Source Background and Description**

<b>Source Name:</b>	<b>Azteca Milling, L. P.</b>
<b>Source Location:</b>	<b>15700 Highway 41 North, Evansville, IN 47711</b>
<b>County:</b>	<b>Vanderburgh</b>
<b>SIC Code:</b>	<b>2046</b>
<b>Operation Permit No.:</b>	<b>163-7995-00107</b>
<b>Operation Permit Issuance Date:</b>	<b>February 28, 2001</b>
<b>Significant Permit Modification No.:</b>	<b>163-15980</b>
<b>Permit Reviewer:</b>	<b>Madhurima D. Moulik</b>

The Office of Air Quality (OAQ) has reviewed a modification application from Azteca Milling, L. P., relating to the operation of a stationary wet corn milling operation producing corn flour at a maximum rate of 160,000 metric tons per year.

### **Explanation of Modification**

The requested modification involves the deletion of permit conditions related to the stack testing for particulate matter of four (4) emission units, namely, the stack # 9 (lime bin system with baghouse B2), stack # 13 (Unit # 1, flour sifter system), stack # 14 (Unit # 1, milled and dried flour system), and stack # 49 (rail loading system cartridge baghouse) . These emission units are small, with controlled PM emissions of less than 1 lb/hr, and thus do not require stack testing. In addition, the first three units do not have any logical location to perform stack testing, while the rail loading baghouse exhausts to the inside.

### **Justification for the Modification**

The Part 70 Operating permit is being modified through a Part 70 Significant Permit Modification. This modification is being performed pursuant to 326 IAC 2-7-12(d) which states that any "significant change in existing Part 70 permit terms or conditions and every relaxation of reporting and record-keeping permit terms or conditions shall be considered significant". The requested modifications meet the above requirement.

### **Recommendation**

The staff recommends to the Commissioner that the Significant Permit Modification be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on August 7, 2002.

### **Conclusion**

This permit modification shall be subject to the conditions of the attached Part 70 Significant

Permit Modification No.: 163-15980-00107.

CHANGES TO THE PART 70 PERMIT

These are the changes to the Part 70 permit (~~strikeout~~ to show deletions and **bold** to show additions):

(1) Condition D.2.4 is modified as follows:

Compliance Determination Requirements

D.2.4 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

During the period between 12 and 18 months after issuance of this permit, in order to demonstrate compliance with Condition D.2.2, the Permittee shall perform PM testing on baghouse B1 (Stack 6), ~~baghouse B2 (Stack 9)~~, the Unit 1, Drying First Circuit Cyclone (Stack 10), the Unit 1, Drying Second Circuit Cyclone (Stack 11), the Flour Cooler Cyclone (Stack 12), ~~baghouse B3 (Stack 13)~~, ~~baghouse B5 (Stack 14)~~, baghouse B8 (Stack 40), **and** baghouse B9 (Stack 15), ~~and cartridge filter B10 (Stack 49)~~, utilizing Methods 5 or 17 (40 CFR 60, Appendix A) for PM, or other methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. Testing shall be conducted in accordance with Section C- Performance Testing.